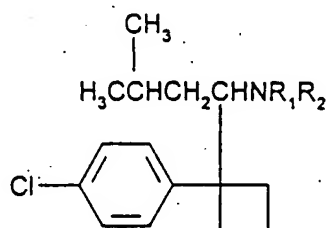


Claims

1. A method of treating neuropathic pain or fibromyalgia comprising administering to a human in need thereof a therapeutically effective amount of a compound of formula I



- including enantiomers and pharmaceutically acceptable salts thereof in which R₁ and R₂ are independently H or methyl, in conjunction with a pharmaceutically acceptable diluent or carrier.

2. A method as claimed in claim 1 in which the neuropathic pain is associated with diabetes mellitus, shingles, nerve injury and varied peripheral neuropathies.

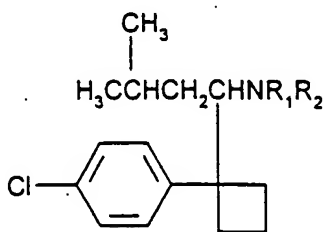
3. A method as claimed in claim 1 or 2 wherein the compound of formula I is N,N-dimethyl-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine hydrochloride.

4. A method as claimed in claim 1 or 2 wherein the compound of formula I is N,N-dimethyl-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine hydrochloride in the form of its monohydrate.

5. A method as claimed in claim 1 or 2 wherein the compound of formula 1 is (+) N-[1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutyl]-N-methylamine.

6. A method as claimed in claim 1 or 2 wherein the compound of formula 1 is (-)-N-[1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutyl]-N-methylamine.

7. A method as claimed in claim 1 or 2 wherein the compound of formula 1 is (+)-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine.
- 5 8. A method as claimed in claim 1 or 2 wherein the compound of formula 1 is (-)-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine.
- 9 A method as claimed in claim 1 or 2 wherein the compound of formula 1 is (+)-N-{1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutyl}-N,N-dimethylamine.
- 10 10. The method as claimed in claim 1 or 2 wherein the compound of formula 1 is (-)-N-{1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutyl}-N,N-dimethylamine.
11. The method as claimed in claim 1 or 2 wherein the compound of formula 1 is (±)-N-{1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutyl}-N-methylamine.
- 15 12. The method as claimed in claim 1 or 2 wherein the compound of formula 1 is (±)-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine.
- 20 13. The method as claimed in claim 1 or 2 wherein the compound of formula 1 is (±)-N-{1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutyl}-N,N-dimethylamine.
14. The use of a compound of formula I



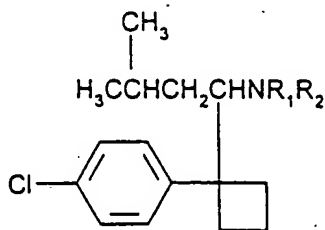
including enantiomers and pharmaceutically acceptable salts thereof in which R_1 and R_2 are independently H or methyl, in the manufacture of a medicament for treating neuropathic pain or fibromyalgia.

5 15. The use as claimed in claim 14 in which the neuropathic pain is associated with diabetes mellitus, shingles, nerve injury and varied peripheral neuropathies.

10 16. The use as claimed in claim 14 or 15 in which the compound of formula I is N,N-dimethyl-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine hydrochloride.

15 17. The use as claimed in claim 14 or 15 in which the compound of formula I is N,N-dimethyl-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine hydrochloride monohydrate.

20 18. A pharmaceutical composition for treating neuropathic pain or fibromyalgia, comprising a therapeutically effective amount of a compound of formula I



including enantiomers and pharmaceutically acceptable salts thereof in which R_1 and R_2 are independently H or methyl, in conjunction with a pharmaceutically acceptable diluent or carrier.

19. A pharmaceutical composition as claimed in claim 18 in which the compound of formula I is N,N-dimethyl-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine hydrochloride.

5 20. A pharmaceutical composition as claimed in claim 18 in which the compound of formula I is N,N-dimethyl-1-[1-(4-chlorophenyl)cyclobutyl]-3-methylbutylamine hydrochloride monohydrate.